

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107496.D
 Acq On : 19 Jul 2018 5:50
 Operator : JU/SJ
 Sample : J4027-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-161

Quant Time: Jul 19 06:48:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

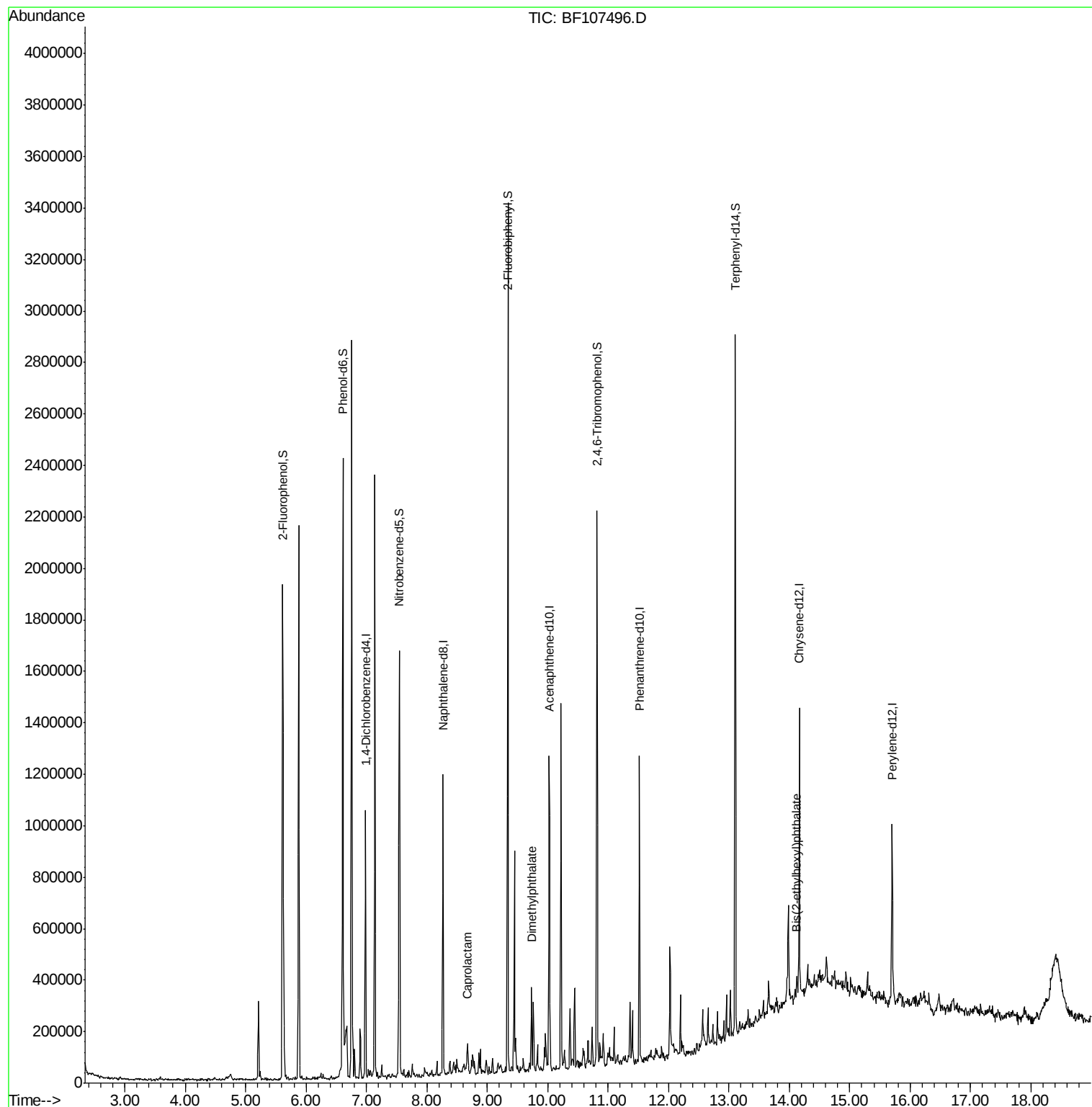
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	114352	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	418700	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	208053	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	360886	20.00	ng	0.00
75) Chrysene-d12	14.17	240	324146	20.00	ng	-0.01
86) Perylene-d12	15.70	264	298853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	565895	75.16	ng	0.00
7) Phenol-d6	6.61	99	677627	69.61	ng	0.00
23) Nitrobenzene-d5	7.54	82	515342	65.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	159043	87.00	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	920129	72.09	ng	0.00
78) Terphenyl-d14	13.11	244	819473	62.81	ng	0.00
Target Compounds						
35) Caprolactam	8.67	113	11313	5.343	ng	90
49) Dimethylphthalate	9.73	163	96589	5.843	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	26768	2.326	ng	# 96

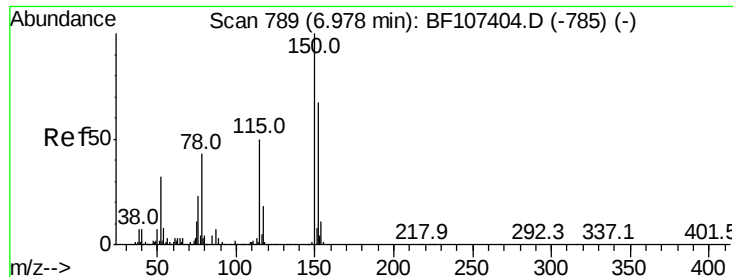
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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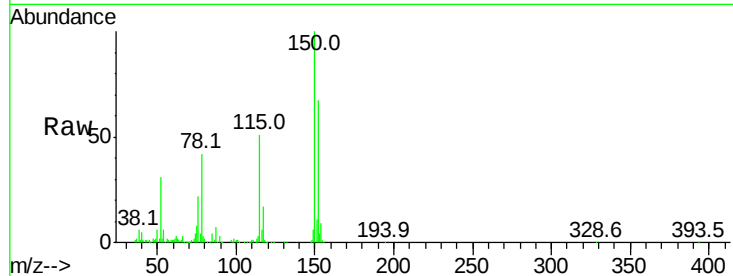


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :
WALL-4-161

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.6	186.8
115	75.9	50.1	75.1#

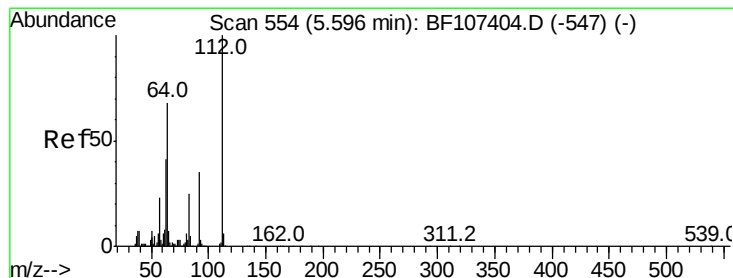
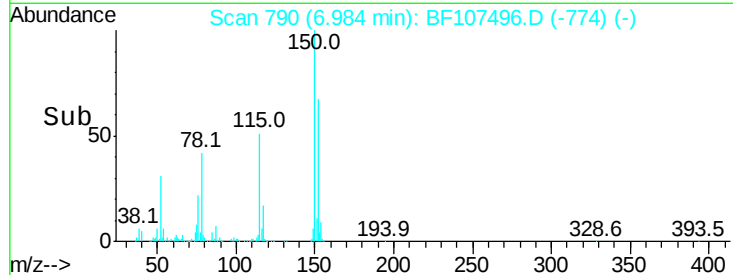
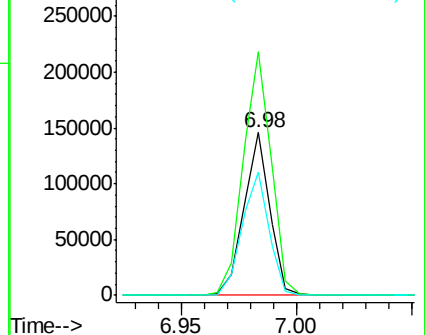


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

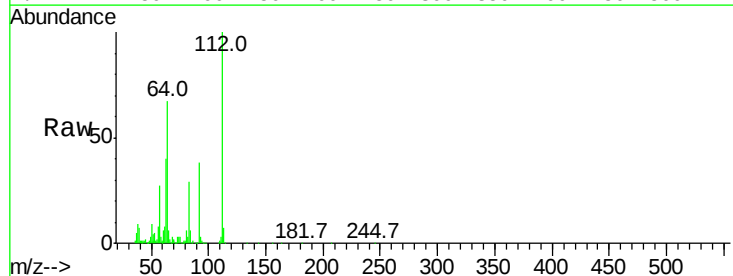
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.158 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	40.3	23.7	35.5#

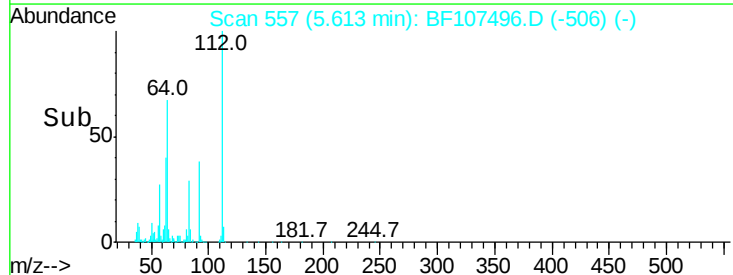
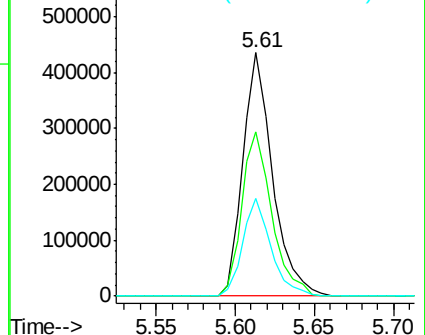


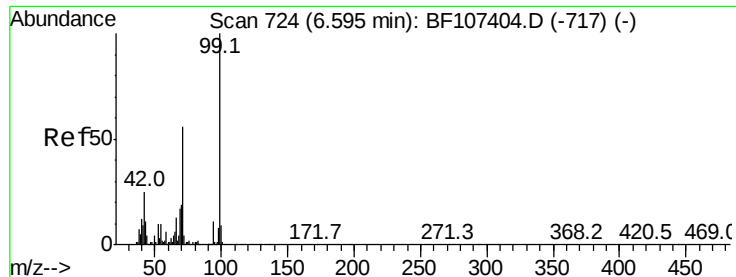
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 69.610 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Instrument :

BNA_F

ClientSampleId :

WALL-4-161

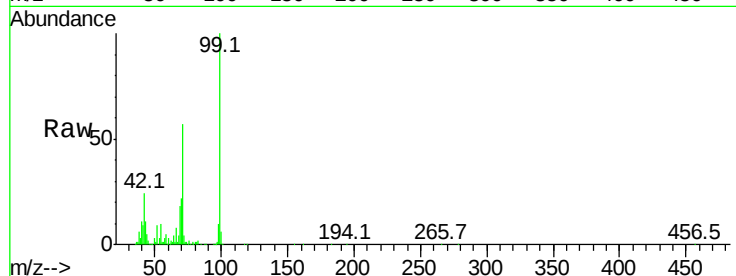
Tot Ion: 99 Resp: 677627

Ion Ratio Lower Upper

99 100

42 24.4 14.5 21.7#

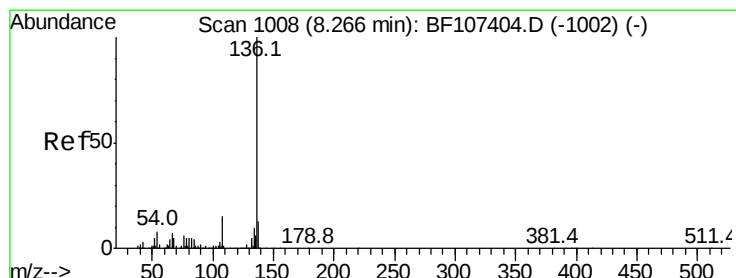
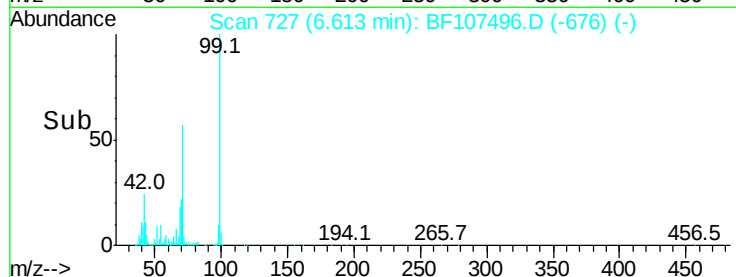
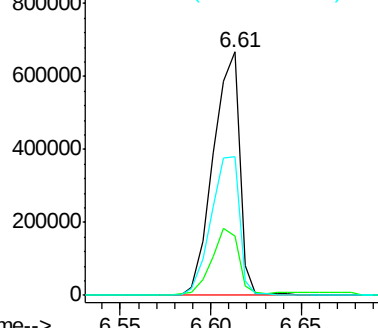
71 57.2 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Tgt Ion: 136 Resp: 418700

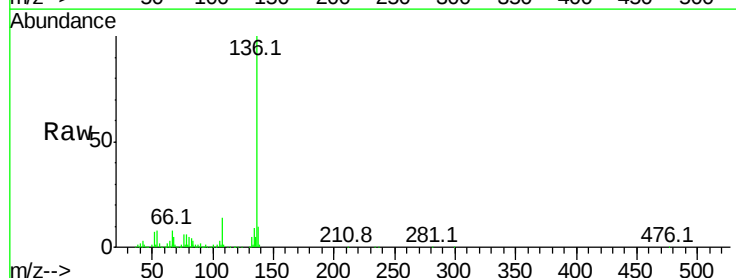
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.1 6.6 9.8

68 4.7 5.0 7.4#

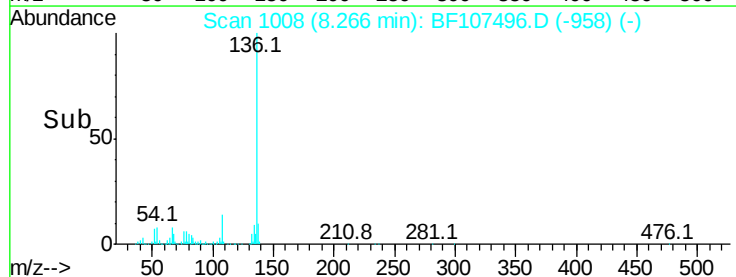
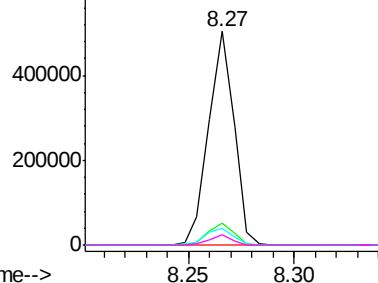


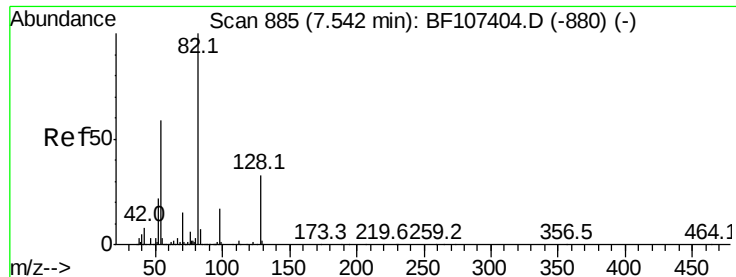
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

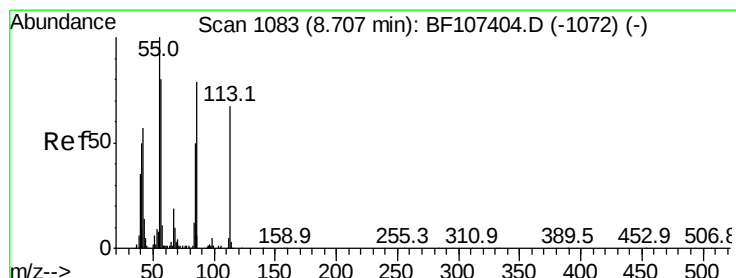
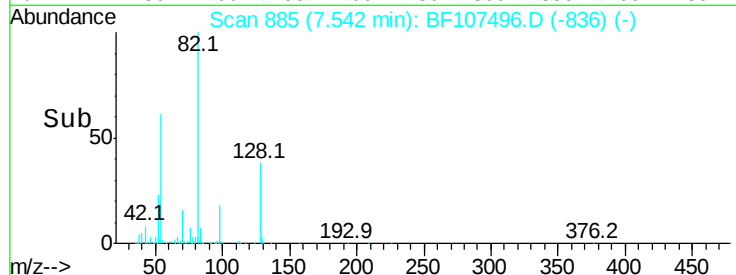
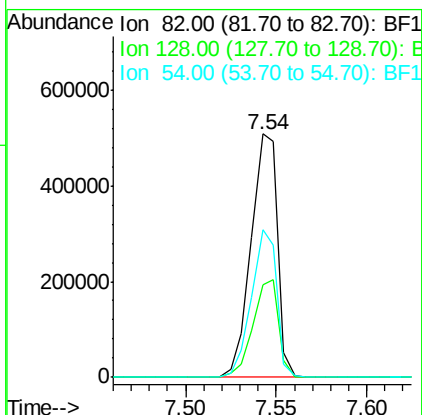
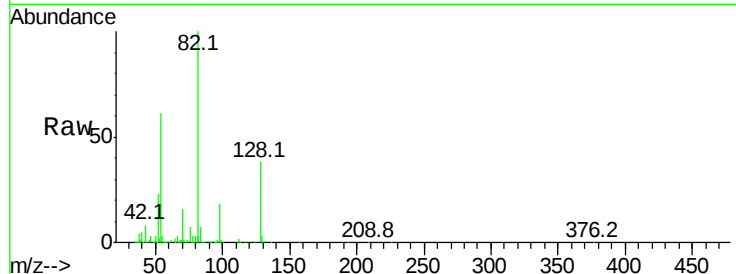




#23
 Nitrobenzene-d5
 Concen: 65.632 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107496.D
 Acq: 19 Jul 2018 5:50

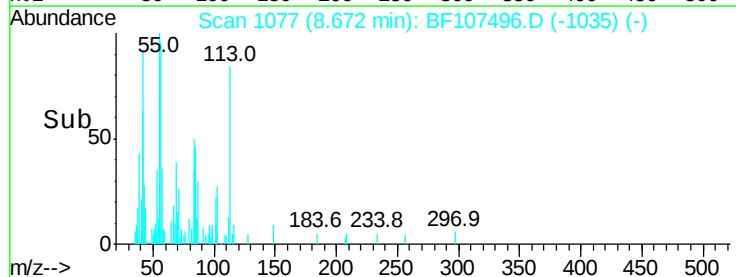
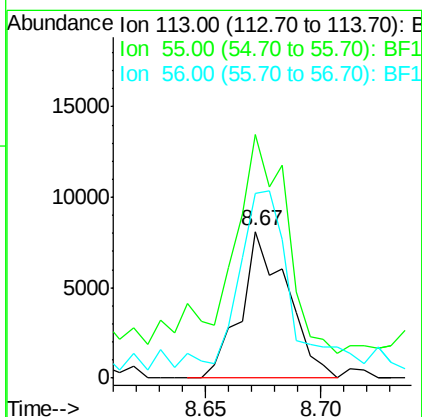
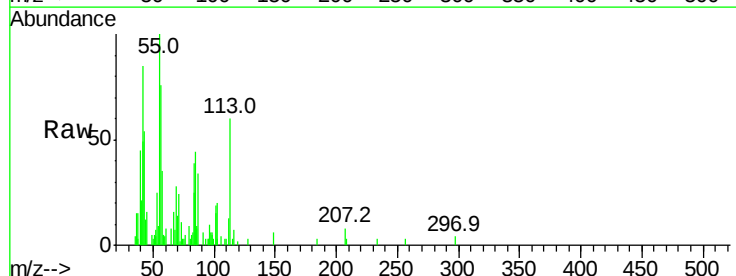
Instrument :
 BNA_F
 ClientSampleId :
 WALL-4-161

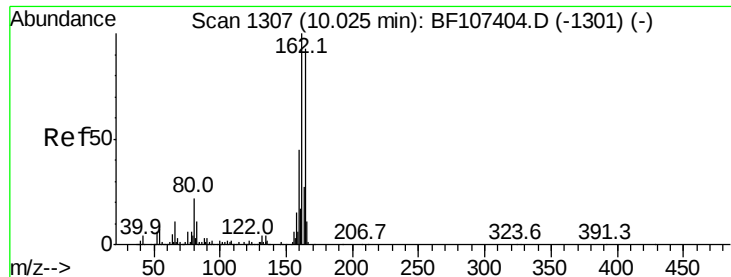
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.1	54.1
54	60.6	41.4	62.2



#35
 Caprolactam
 Concen: 5.343 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.05 min
 Lab File: BF107496.D
 Acq: 19 Jul 2018 5:50

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.3	163.3	203.3
56	125.9	115.7	155.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Instrument :

BNA_F

ClientSampleId :

WALL-4-161

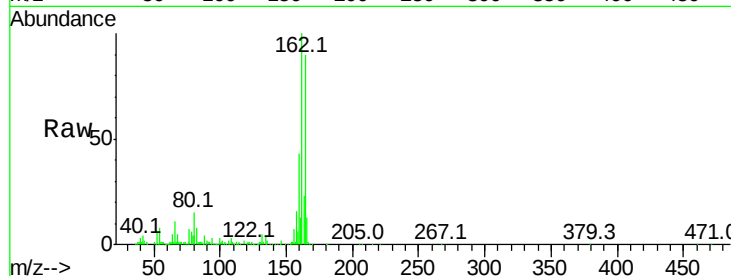
Tot Ion:164 Resp: 208053

Ion Ratio Lower Upper

164 100

162 111.2 86.1 129.1

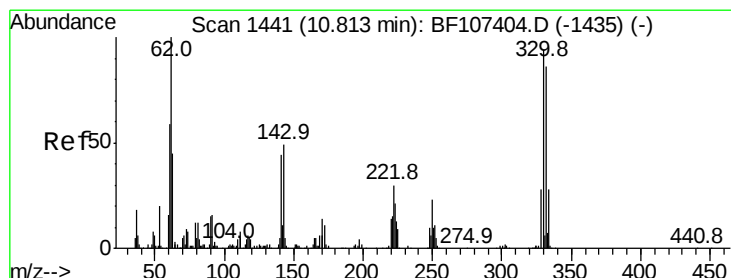
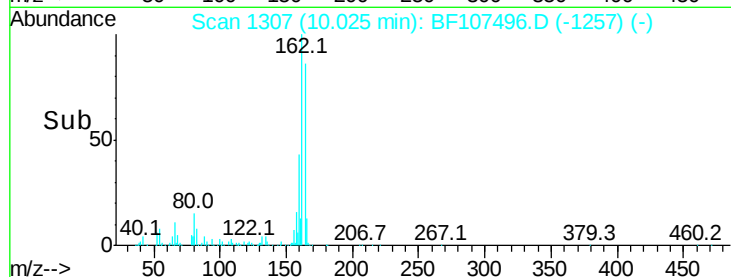
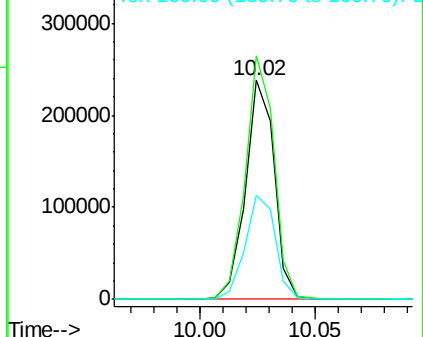
160 47.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 87.004 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

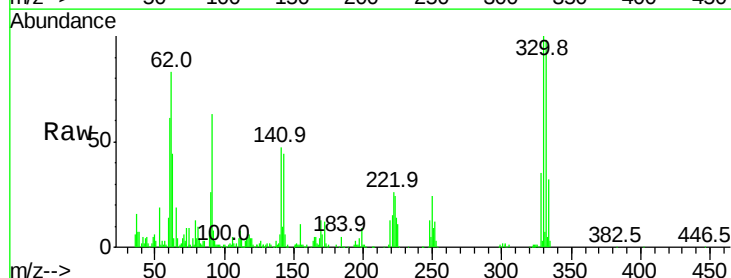
Tgt Ion:330 Resp: 159043

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

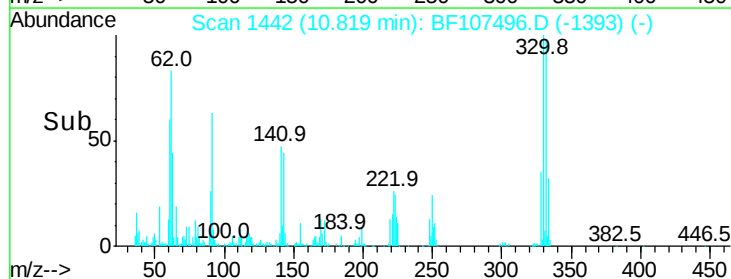
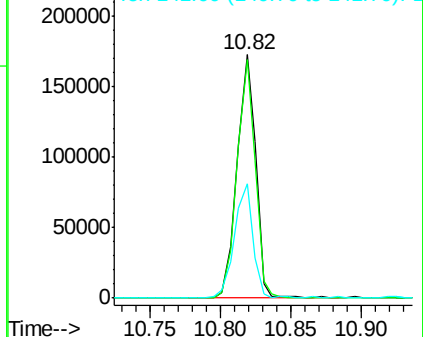
141 47.1 29.9 44.9#

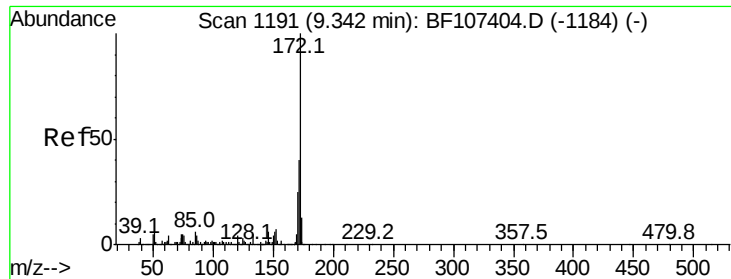


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 72.093 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Instrument :

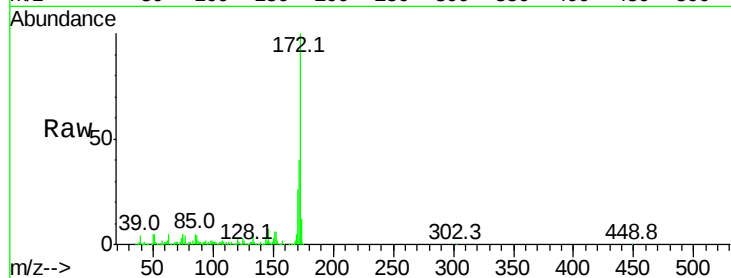
BNA_F

ClientSampleId :

WALL-4-161

Tot Ion:172 Resp: 920129

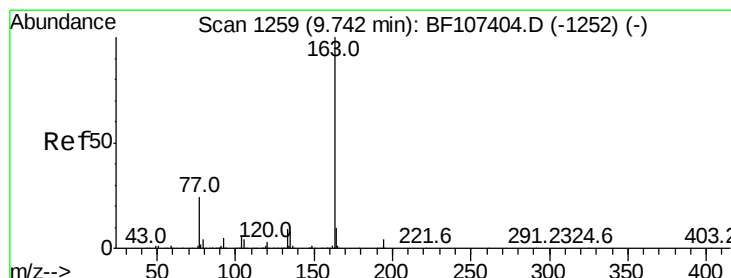
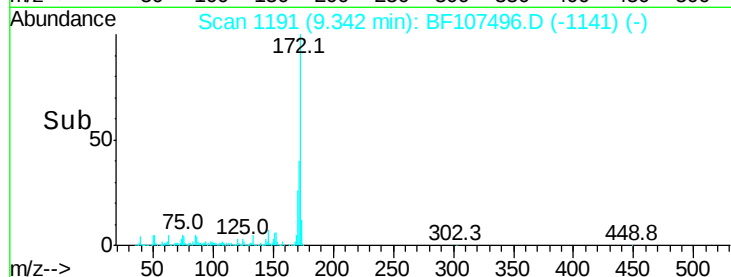
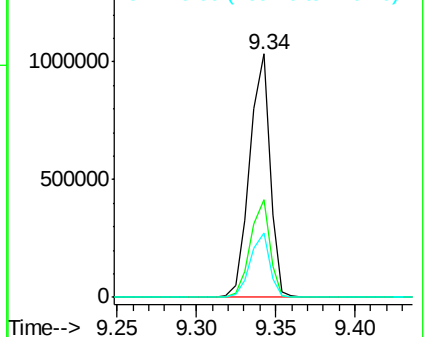
Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.7	44.5
170	26.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 5.843 ng

RT: 9.73 min Scan# 1257

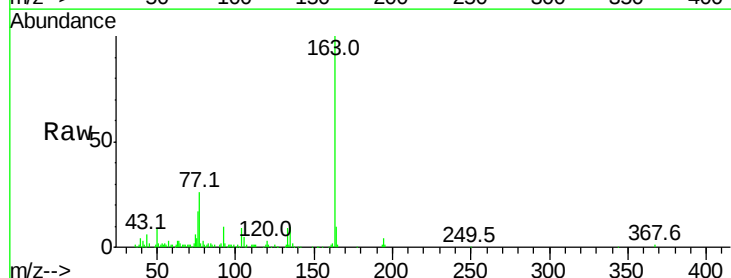
Delta R.T. -0.02 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Tgt Ion:163 Resp: 96589

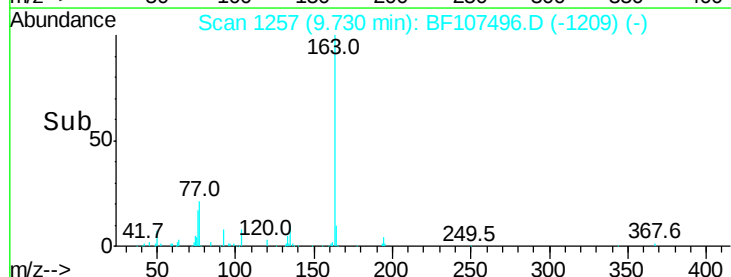
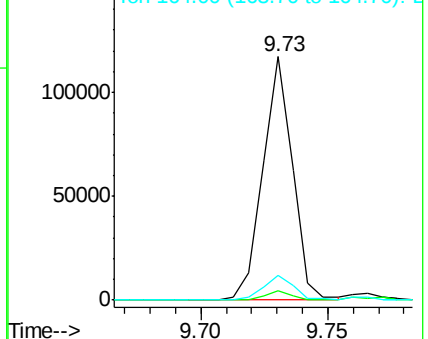
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

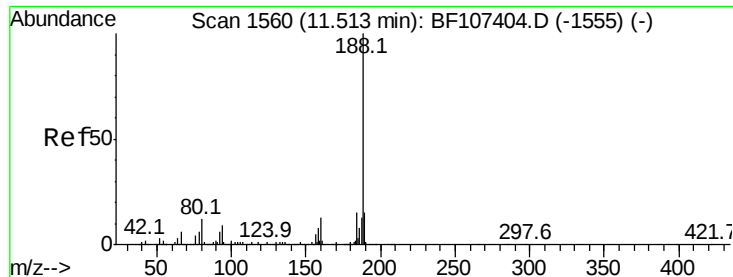


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

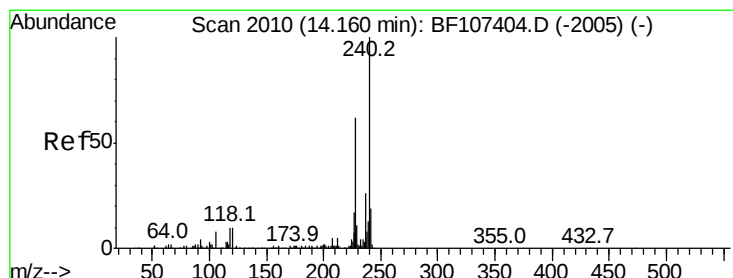
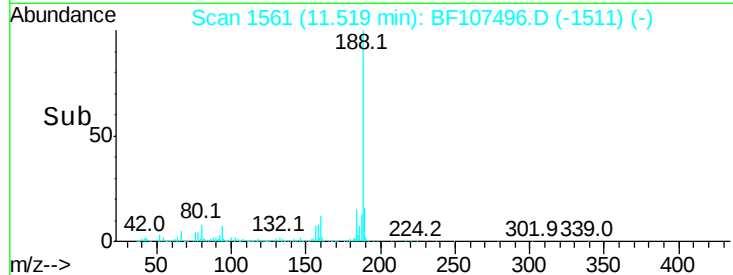
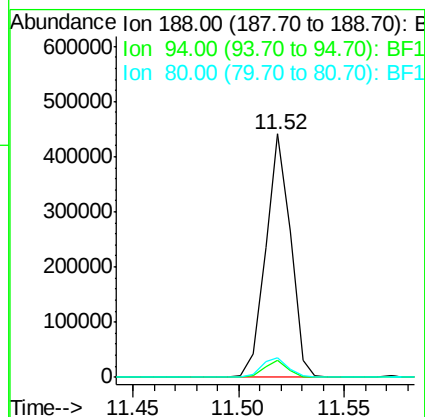
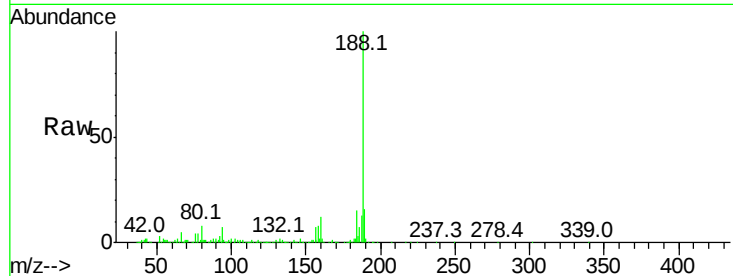




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107496.D
 Acq: 19 Jul 2018 5:50

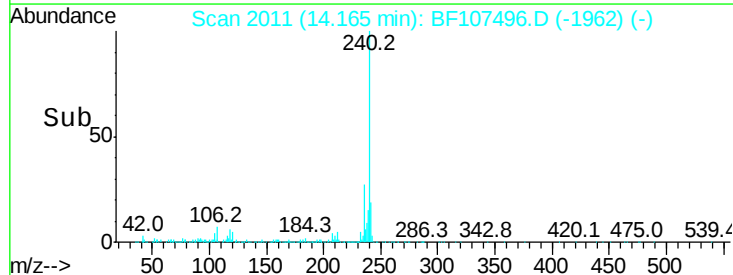
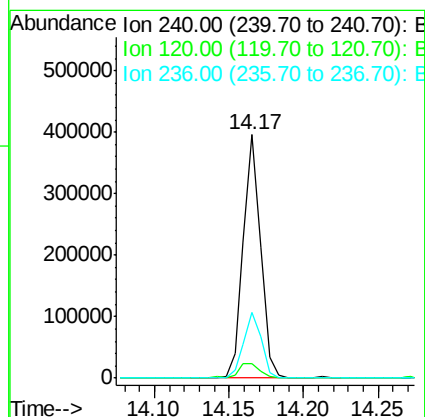
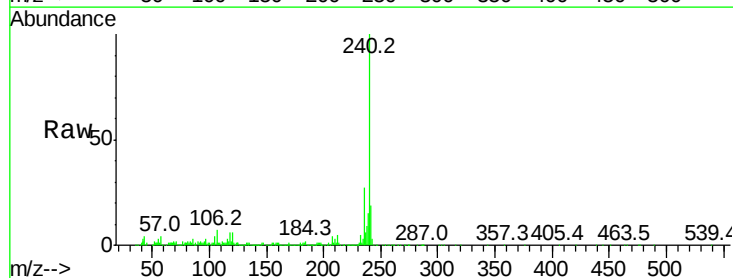
Instrument :
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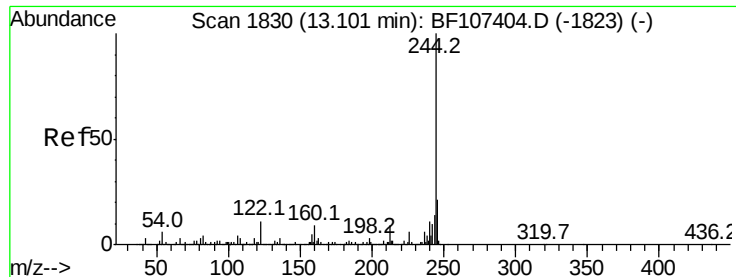
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.1	9.2	13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107496.D
 Acq: 19 Jul 2018 5:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	9.5	14.3#
236	27.0	20.7	31.1





#78

Terphenyl-d14

Concen: 62.813 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

Instrument :

BNA_F

ClientSampleId :

WALL-4-161

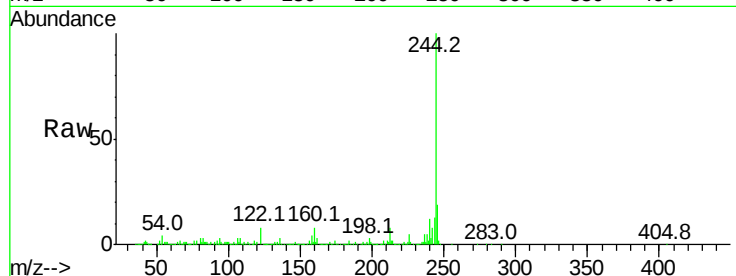
Tot Ion:244 Resp: 819473

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

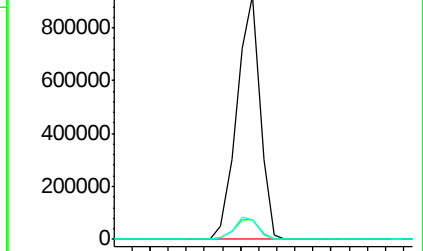
122 7.8 11.0 16.4#



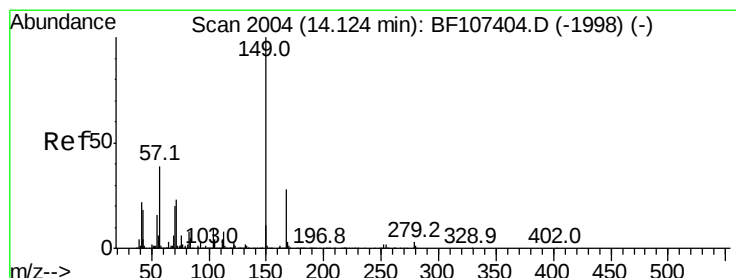
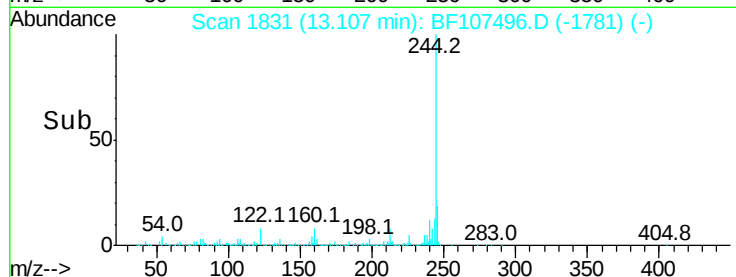
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.326 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107496.D

Acq: 19 Jul 2018 5:50

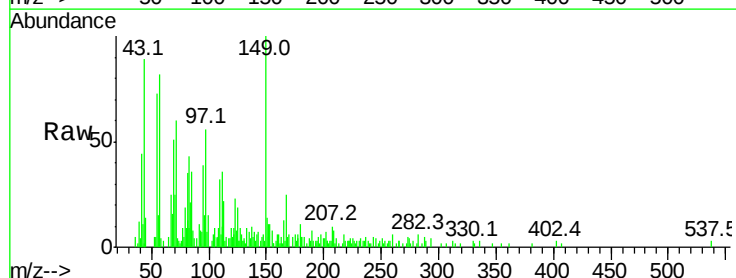
Tgt Ion:149 Resp: 26768

Ion Ratio Lower Upper

149 100

167 25.0 21.3 31.9

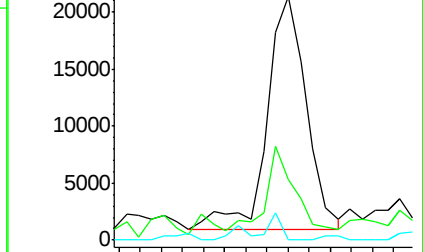
279 0.0 3.0 4.4#



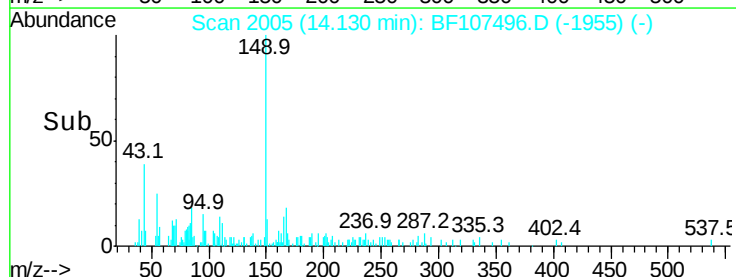
Abundance Ion 149.00 (148.70 to 149.70): E

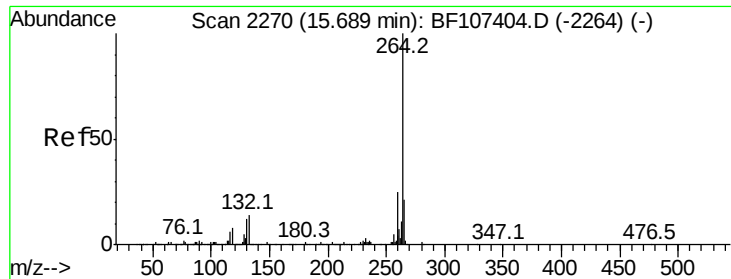
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

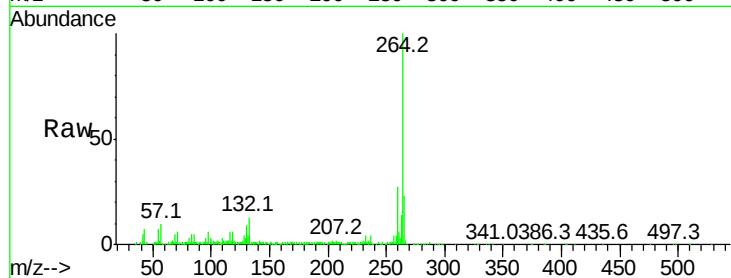




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :
WALL-4-161

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.2	28.8
265	23.0	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

